

From: noreply@sepscience.com
Sent: Thursday, April 14, 2011 9:23 AM
To: Hanchett, James (DPH)
Subject: Improve Your Chromatography Troubleshooting and Method Development Skills

14 April, 2011

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Separation Science e-Learning Update

HPLC Masterclasses

North America

If you've ever wished that chromatography troubleshooting and method development were more logical and methodical, then the Masterclasses below are for you. These courses are ideal for chromatographers who want to develop better methods faster and less expensively, and solve existing problems with current methods. Workshops include:

Advanced HPLC Method Development (2-day)

What you will learn:

- Define objectives clearly in chromatographic terms
- Identify variables affecting retention/selectivity/efficiency
- Select initial conditions that maximize the chances of quickly developing a workable method
- Set up a systematic strategy for efficiently evaluating the effects of the key variables
- Take advantage of improvements in column technology
- Develop methods with superior separation repeatability
- System suitability checks and validation
- Understand precision/accuracy/robustness

When & where:
16-17 May, 2011- New Jersey, USA
[Find out more>>](#)

17-18 October, 2011- New Jersey, USA
[Find out more>>](#)

SCHEDULE AT A GLANCE

Advanced HPLC Method Development (2-day)
16-17 May, 2011- NJ
[More info and register>>](#)

17-18 October, 2011- NJ
[More info and register>>](#)

HPLC Basics, Equipment & Troubleshooting (3-day)

What you will learn:

- The basic principles of HPLC
- The five fundamental HPLC modes
- Adjusting experimental variables to get a good separation
- Best approach for various chromatographic applications
- How to maximize column life
- Gradient elution, quantitation, and sample pretreatment
- Operating principles of each module in an HPLC system
- Proven techniques for systematic problem-solving and instrument maintenance
- The most effective, timesaving, money saving approaches to preventing common problems.
- And much, much more

When & where:
18-20 May, 2011- New Jersey, USA
[Find out more>>](#)

19-21 October, 2011- New Jersey, USA
[Find out more>>](#)

About the Instructor

Dr John Dolan has published over 100 scientific articles with emphasis on method development techniques, gradient elution, and column selectivity. He is the author (with Lloyd Snyder) of three books, *Troubleshooting LC Systems*, *High-Performance Gradient Elution*, and the 3rd edition of *Introduction to Modern Liquid Chromatography* (also with Jack Kirkland) – often referred to as the Bible of HPLC.

[Click here to keep up to date with all Separation Science Masterclasses, events, platforms and information>>](#)

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